

Citations, Grant David Meadors.

Please note: approximately 75 ‘Other Peer-Reviewed Papers’ on which the candidate is a member of a large scientific collaboration (the LIGO Scientific Collaboration) are unlisted. The author includes ‘Selected Peer-Reviewed Papers’ here with citations as of July 28, 2020.

Published short-author:

G.D. Meadors, S. Jones, K.Hickmann, C. Arge, H. Godinez-Vasquez, C. Henney. *Data assimilative optimization of WSA source surface and interface radii using particle filtering.* Space Weather **18** (2020) [5](#)

(No citations yet)

G. Ashton et. al. (incl. **G.D. Meadors**). *BILBY: a user-friendly Bayesian inference library for gravitational-wave astronomy.* Astrophys J Suppl **241** (2019) [27](#)

(Inspire-HEP: 82 citations)

J. Westerweck et al. (incl. **G.D. Meadors**). *Low significance of evidence for black hole echoes in gravitational wave data.* Phys Rev D **97** (2018) [124037](#)

(Inspire-HEP: 67 citations)

G.D. Meadors, B. Krishnan, M.A. Papa, J.T. Whelan, Y. Zhang. *Resampling to accelerate cross-correlation searches for continuous gravitational waves from binary systems.* Phys Rev D **97** (2018) [044017](#)

(Inspire-HEP: 3 citations)

G.D. Meadors, E. Goetz, K. Riles, T. Creighton, F. Robinet. *Searches for continuous gravitational waves from Scorpius X-1 and XTE J1751-305 in LIGO’s sixth science run.* Phys Rev D **95** (2017) [042005](#)

(Inspire-HEP: 13 citations)

G.D. Meadors, E. Goetz, K. Riles. *Tuning into Scorpius X-1: adapting a continuous gravitational-wave search for a known binary system.* Class Quant Grav **33** (2016) [105017](#)

(Inspire-HEP: 13 citations)

C. Messenger et al. (incl. **G.D. Meadors**). *Gravitational waves from Sco X-1: a comparison of search methods and prospects for detection with advanced detectors.* Phys Rev D **92** (2015) [023006](#)

(Inspire-HEP: 35 citations)

G.D. Meadors, K. Kawabe, K. Riles. *Increasing LIGO sensitivity by feedforward subtraction of auxiliary length control noise*. Class Quant Grav **31** (2014) 105014

(Inspire-HEP: 23 citations)

S.S.Y. Chua et al. (incl. **G.D. Meadors**). *Impact of backscattered light in a squeezing-enhanced interferometric gravitational-wave detector*. Class Quant Grav **31** (2014) 035017

(Inspire-HEP: 11 citations)

S. Dwyer et al. (incl. **G.D. Meadors**). *Squeezed quadrature fluctuations in a gravitational wave detector using squeezed light*. Optics Express **21** (2013) 16

(Inspire-HEP: 19 citations)

Published short-author, different field:

E.O. Romero-Severson, N. Hengartner, **G.D. Meadors**, R. Ke, *Decline in global transmission rates of COVID-19*. MedRxiv, <https://doi.org/10.1101/2020.04.14.20070771>

(in press)

E.O. Romero-Severson, **G.D. Meadors**, E. Volz. *A generating function approach to HIV transmission with dynamic contact rates*. Math Model Nat P **9** (2014) 2

(Web of Science: 2 citations)

Published noteworthy full-author:

Abbott et al. (LSC & Virgo, incl. **G.D. Meadors**). *GW170817: Observation of gravitational waves from a binary neutron star inspiral*. Phys Rev Lett **119** (2017) 161101

(Inspire-HEP: 3475 citations)

Abbott et al. (LSC & Virgo, incl. **G.D. Meadors**). *Observation of gravitational waves from a binary black hole merger*. Phys Rev Lett **116** (2016) 061102

(Inspire-HEP: 5341 citations)

Aasi et al., L. Barsotti corresponding (LIGO Scientific Collab. incl. **G.D. Meadors**). *Enhancing the sensitivity of the LIGO gravitational wave detector by using squeezed states of light*. Nature Photonics **7** (2013) 613

(Inspire-HEP: 217 citations)